

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Neil Ferrari on 01/21/2009.

The application has been amended as follows:

Please replace claims 1, 12, and 23 with the following:

1. A method in a data processing system for automatically distributing and installing software file packages throughout a multi-tiered computer architecture CORBA hierarchy, said hierarchy including a four-tier CORBA network that includes a global tier functioning as a CORBA ORB, a hub tier that is functioning as a CORBA ORB that is below said global tier, a target tier that is functioning as a CORBA ORB that is below said hub tier, and a gateway tier that is functioning as a CORBA ORB between the hub tier and the target tier, said method comprising the steps of:

receiving, within a global computer system that is located in said global tier, a distribution request to distribute a file package to a target system that is located in said target tier;

starting, by said global computer system, a distribution process in a hub computer system that is located in said hub tier;

distributing said file package and installation process from said global computer system to said hub computer system that is located in said hub tier;

automatically distributing said file package and said installation process to said target computer system from said hub computer system utilizing said distribution process; and

automatically installing, by said target computer system, said file package utilizing said installation process.

12. A data processing system for automatically distributing and installing software file packages throughout a multi-tiered computer architecture CORBA hierarchy, said hierarchy including a four-tier CORBA network that includes a global tier functioning as a CORBA ORB, a hub tier that is functioning as a CORBA ORB that is below said global tier, a target tier that is functioning as a CORBA ORB that is below said hub tier, and a gateway tier that is functioning as a CORBA ORB between the hub tier and the target tier, said system comprising:

a global computer system that is located in said global tier receiving a distribution request to distribute a file package to a target computer system that is located in said target tier;

said global computer system starting a distribution process in a hub computer system that is located in said hub tier;

said global computer system distributing said file package and an installation process to said hub computer system that is located in said hub tier;

said hub computer system utilizing said distribution process to automatically distributing said file package and said installation process to said target computer system; and

said target computer system automatically installing said file package utilizing said installation process.

23. A computer program product in a recordable-type medium for automatically distributing and installing software file packages throughout a multi-tiered computer architecture CORBA hierarchy, said hierarchy including a four-tier CORBA network that includes a global tier functioning as a CORBA ORB, a hub tier that is functioning as a CORBA ORB that is below said global tier, a target tier that is functioning as a CORBA ORB that is below said hub tier, and a gateway tier that is functioning as a CORBA ORB between the hub tier and the target tier, said computer program product comprising:

instruction means for receiving, within a global computer system that is located in said global tier, a distribution request to distribute a file package to a target computer system that is located in said target tier;

instruction means for starting, by said global computer system, a distribution process in a hub computer system that is located in said hub tier;

instruction means for distributing said file package and an installation process from said global computer system to said hub computer system that is located in said hub tier;

instruction means for automatically distributing said file package and said installation process to said target computer system from said hub computer system utilizing said distribution process; and

instruction means for automatically installing, by said target computer system, said file package utilizing said installation process.

2. The following is an examiner's statement of reasons for allowance:

The prior art of record does not explicitly teach or suggest the claimed invention. Specifically the prior art of record does not teach or suggest at least a multi-tiered computer architecture CORBA hierarchy, said hierarchy including a four-tier CORBA network that includes a global tier functioning as a CORBA ORB, a hub tier that is functioning as a CORBA ORB that is below said global tier, a target tier that is functioning as a CORBA ORB that is below said hub tier, and a gateway tier that is

functioning as a CORBA ORB between the hub tier and the target tier; as taught in independent claims 1, 12, and 23.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL YAARY whose telephone number is (571)270-1249. The examiner can normally be reached on Monday-Friday, 8:00 a.m. - 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lewis Bullock can be reached on (571) 272-3759. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/M. Y./
Examiner, Art Unit 2193

/Lewis A. Bullock, Jr./
Supervisory Patent Examiner, Art Unit 2193